Universal Trail Assessment Process (UTAP)

Tool Function & Calibration

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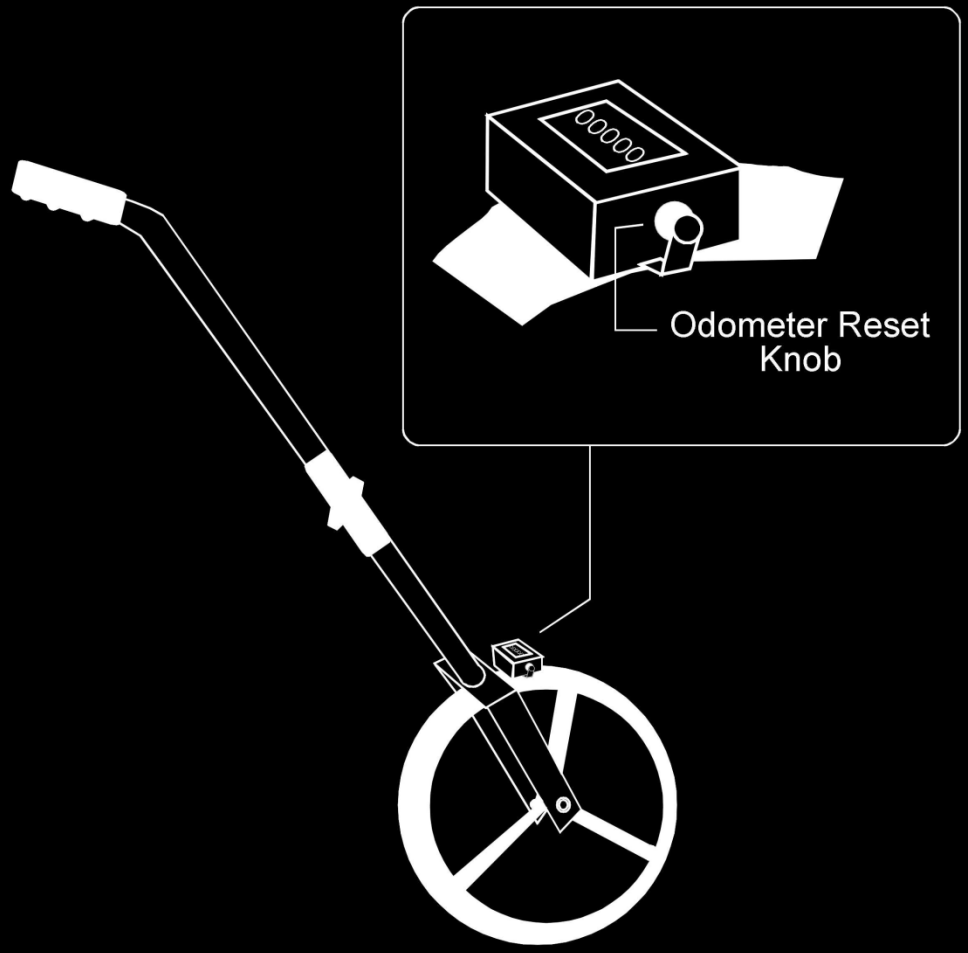
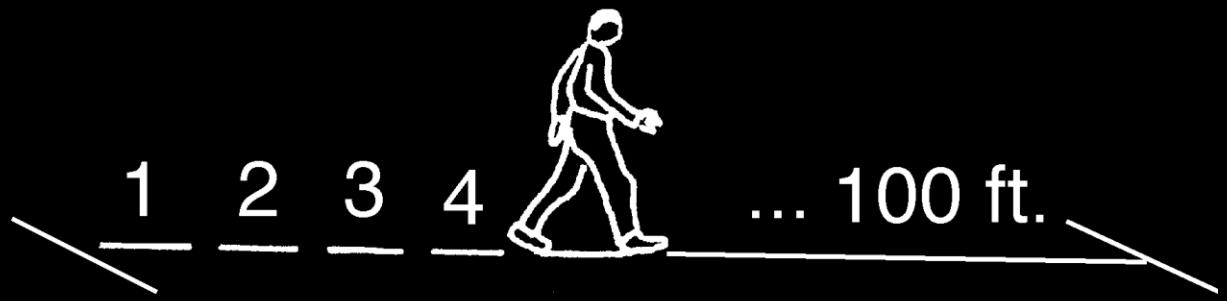
Tool Function & Calibration Objectives

- Identify each tool used for the UTAP & HETAP
- Perform tool calibrations
- Describe how each tool functions

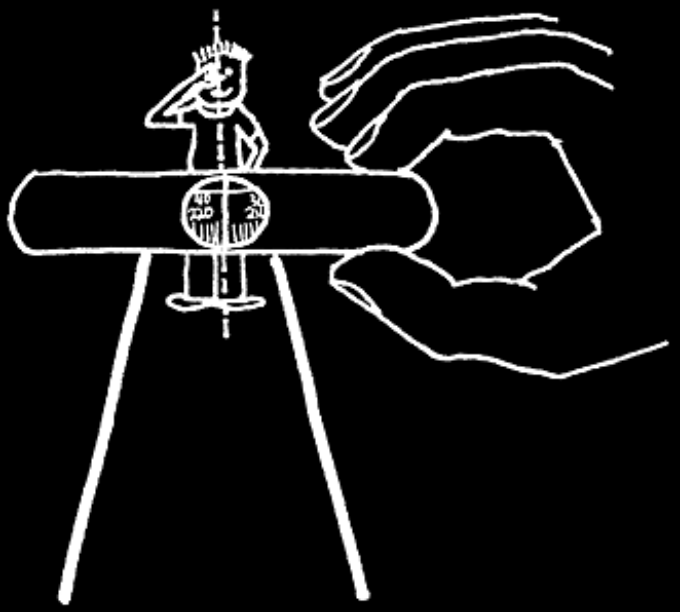
Rolawheel



Length of Pace

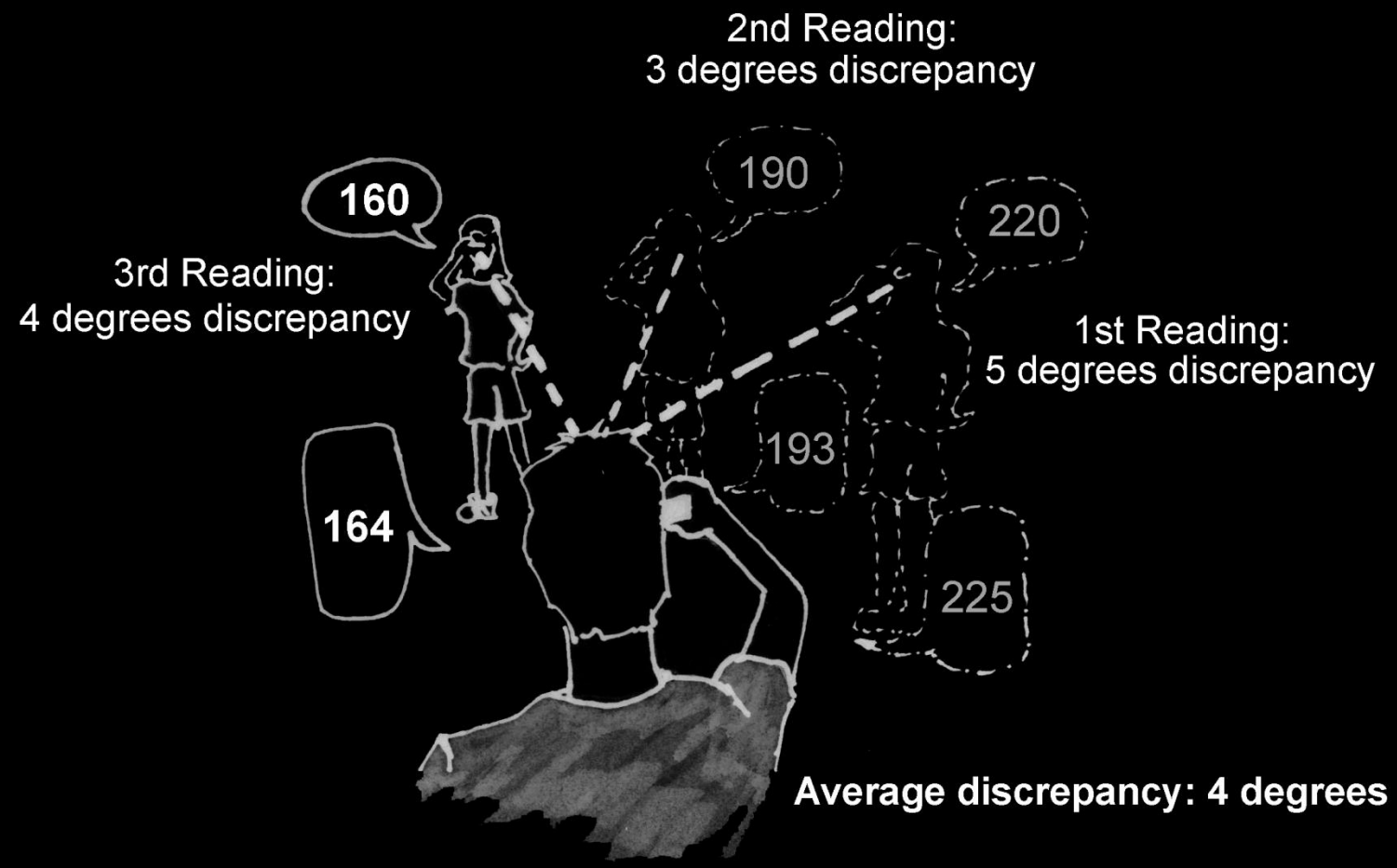


Compass

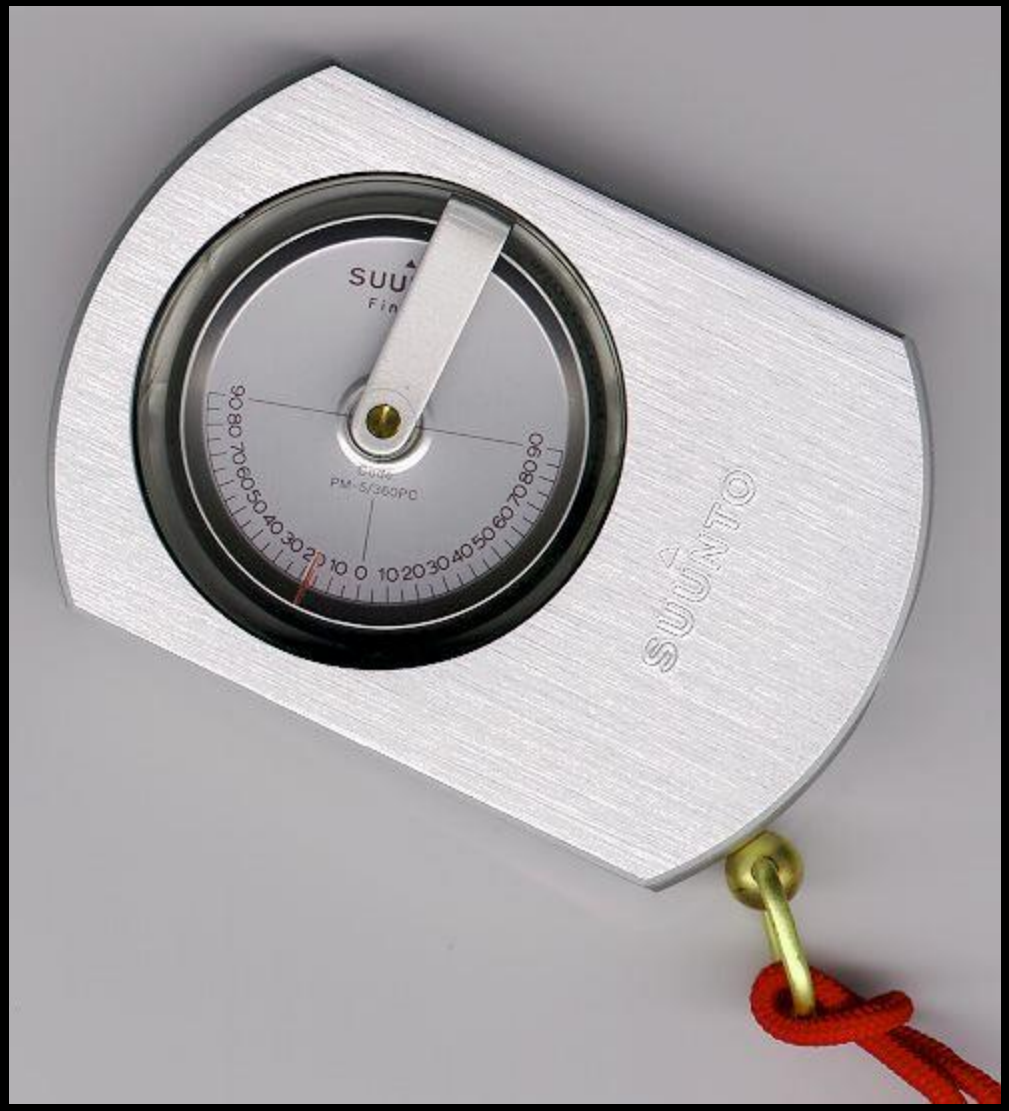


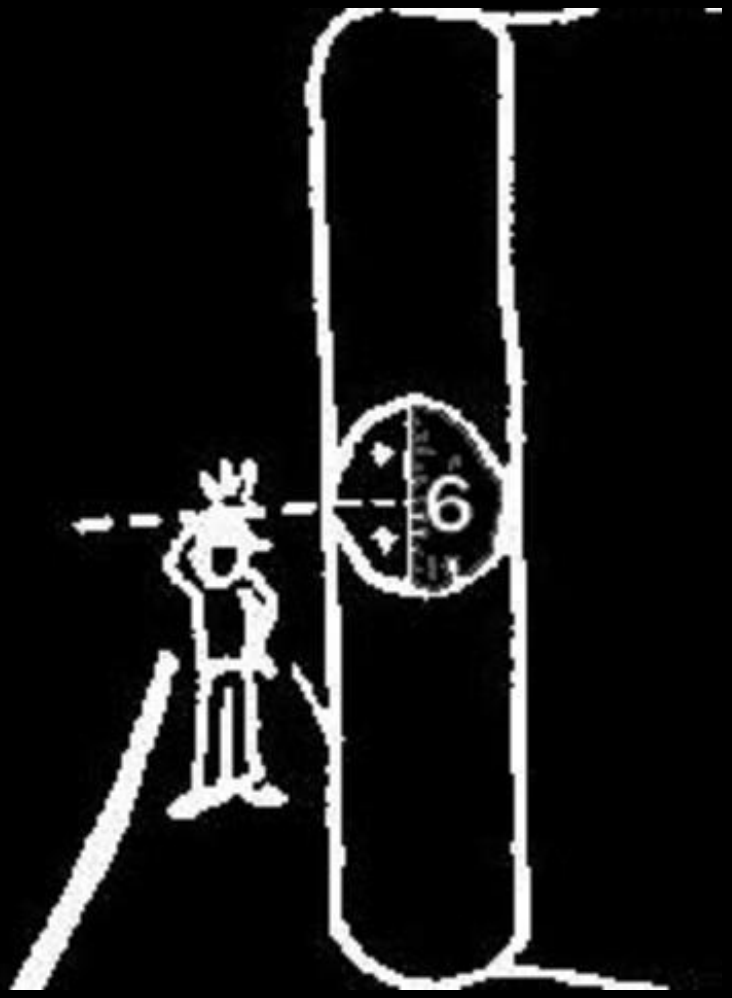
Dominant Eye

Calibrated Discrepancy for Compass Measurements



Clinometer

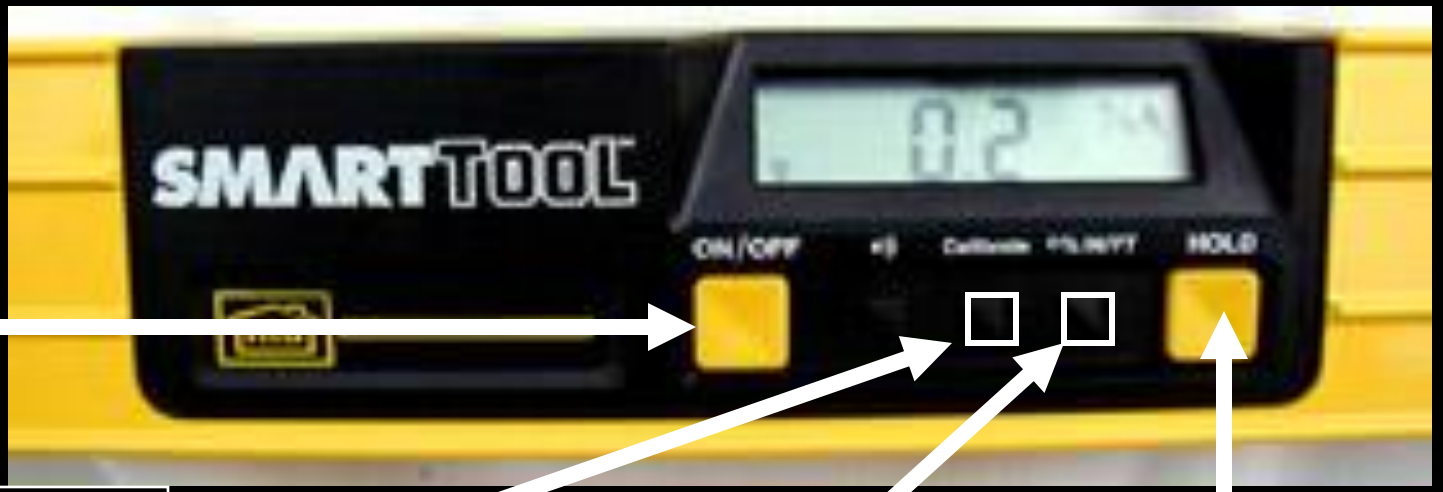




Clinometer Scales

Determining Your Eye Level Target

Inclinometer



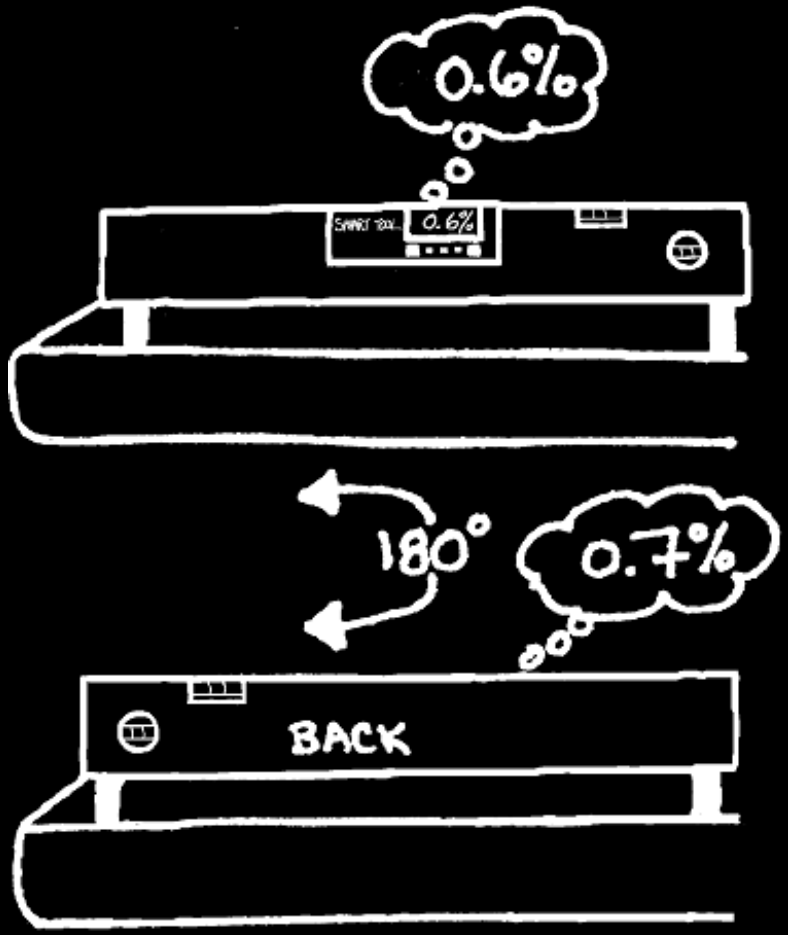
On/Off Button

Calibrate Button

% in/ft Button

Hold Button

Calibration Check



Calibrating the Inclinometer

Additional Tools

HETAP – WISP Calibration

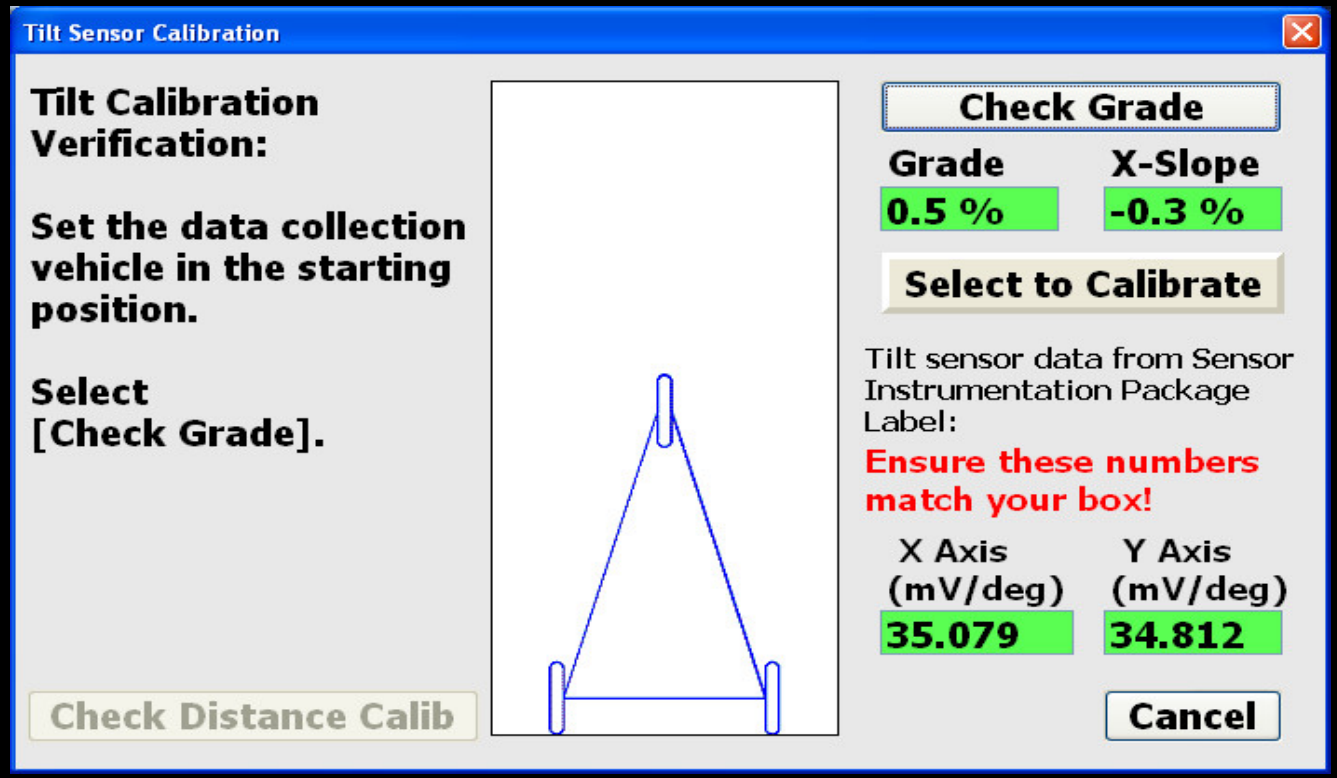
The grade, cross slope, and distance calibration should be checked before performing any trail assessment session

HETAP – WISP Calibration

Calibration will need to be performed on a planar, smooth surface

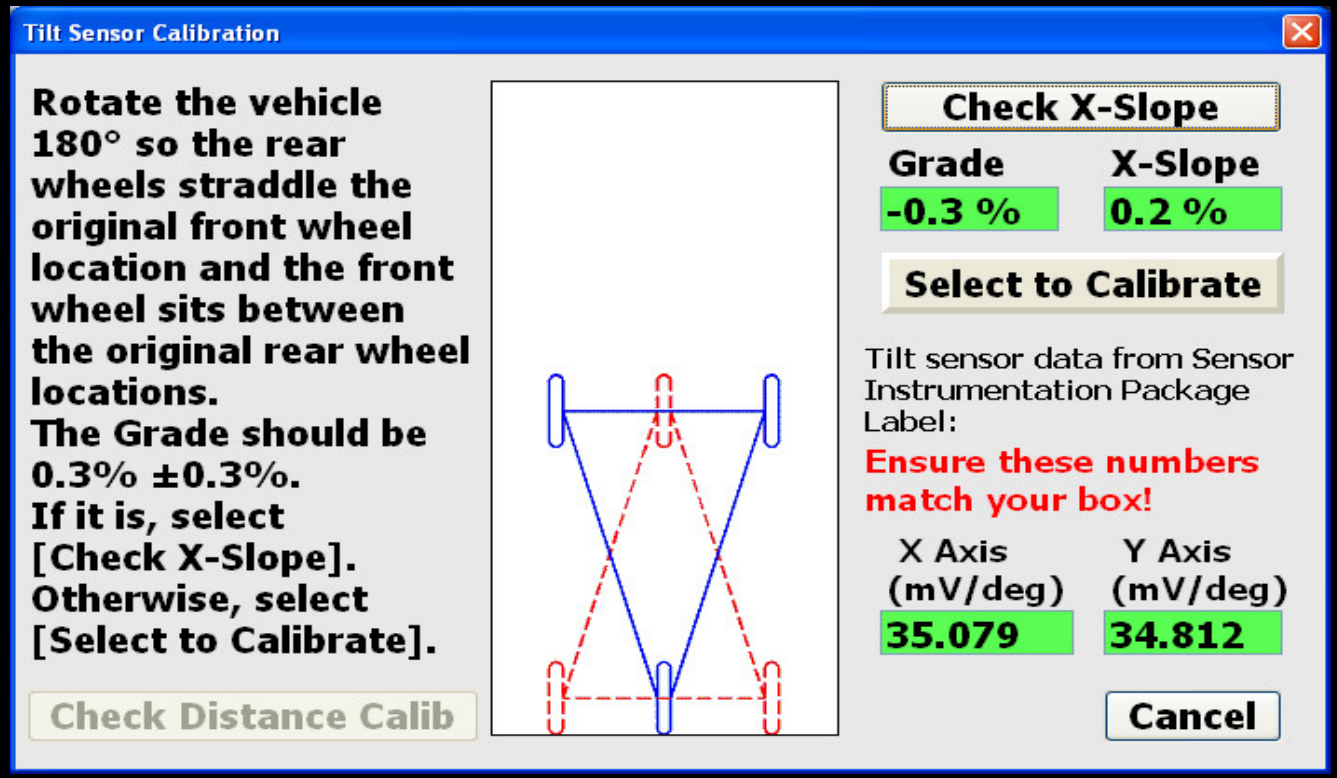
Slopes - Start Position

"Check Grade" or "Select to Calibrate" and then "Start Position" to Begin



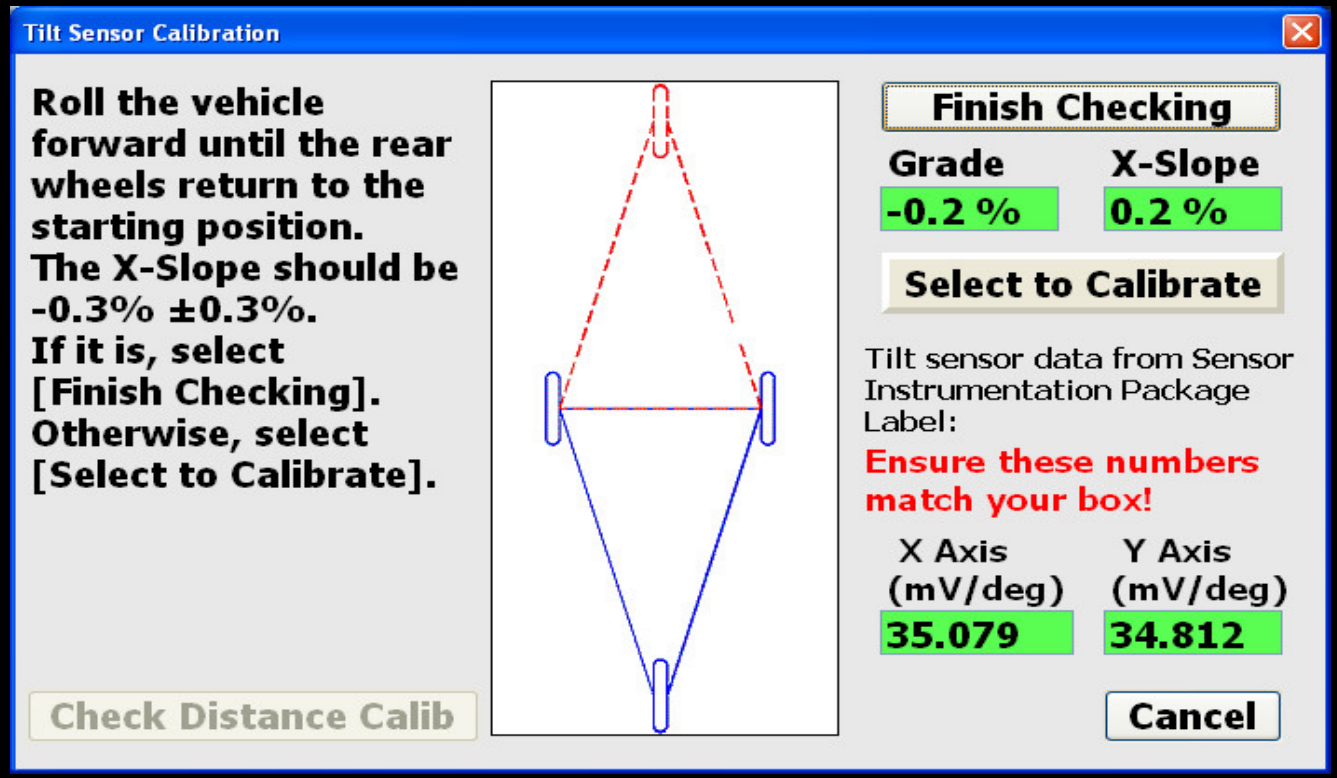
Rotate 180° in same space

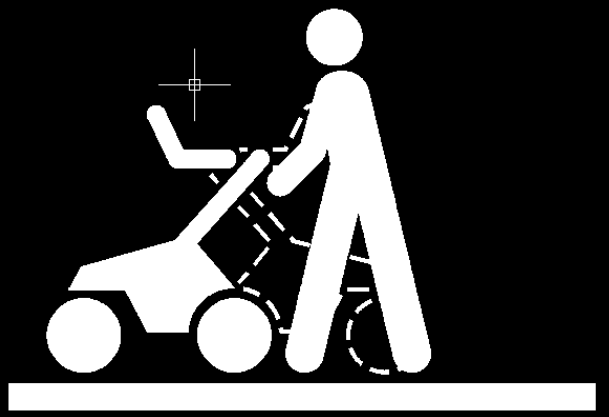
"Check X-Slope" or "Calibrate Grade" to Continue



Roll Forward

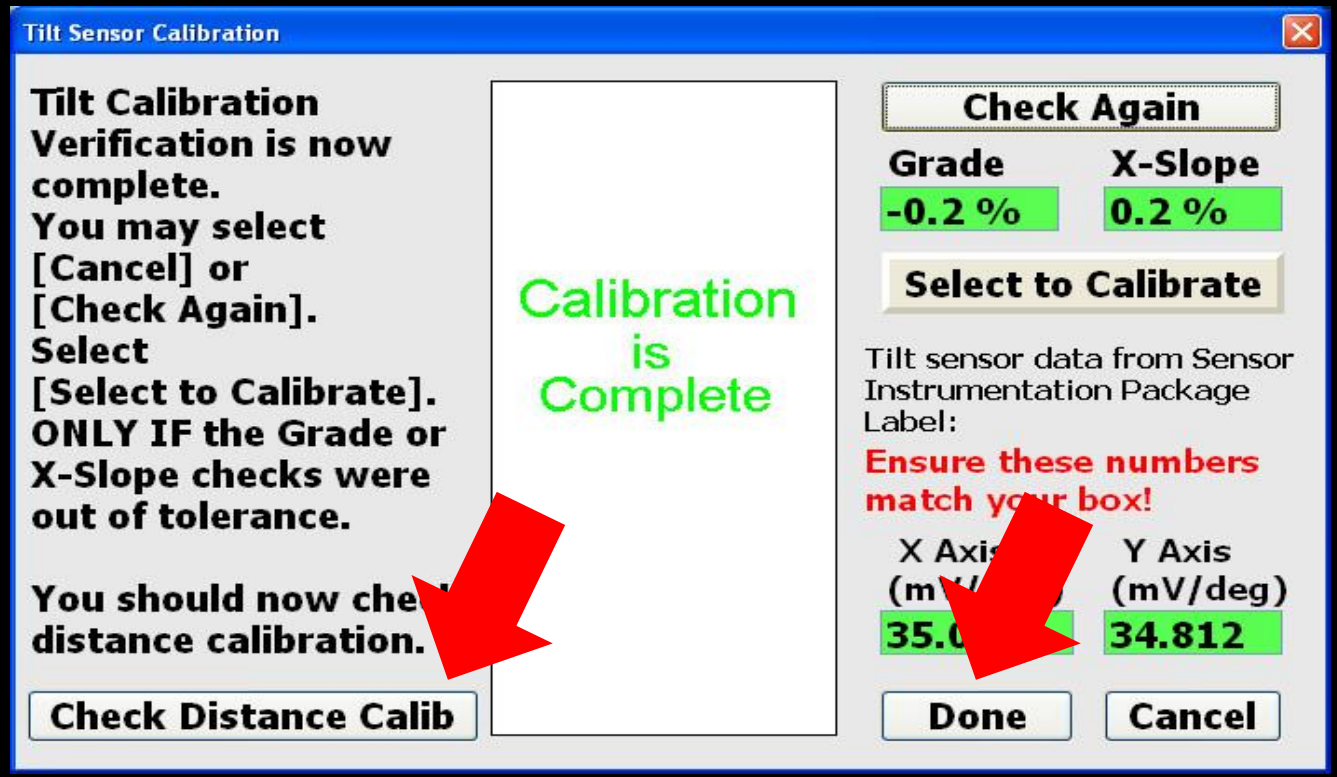
"Finish Checking" or "Calibrate X-Slope" to Continue





Slopes Calibration Complete

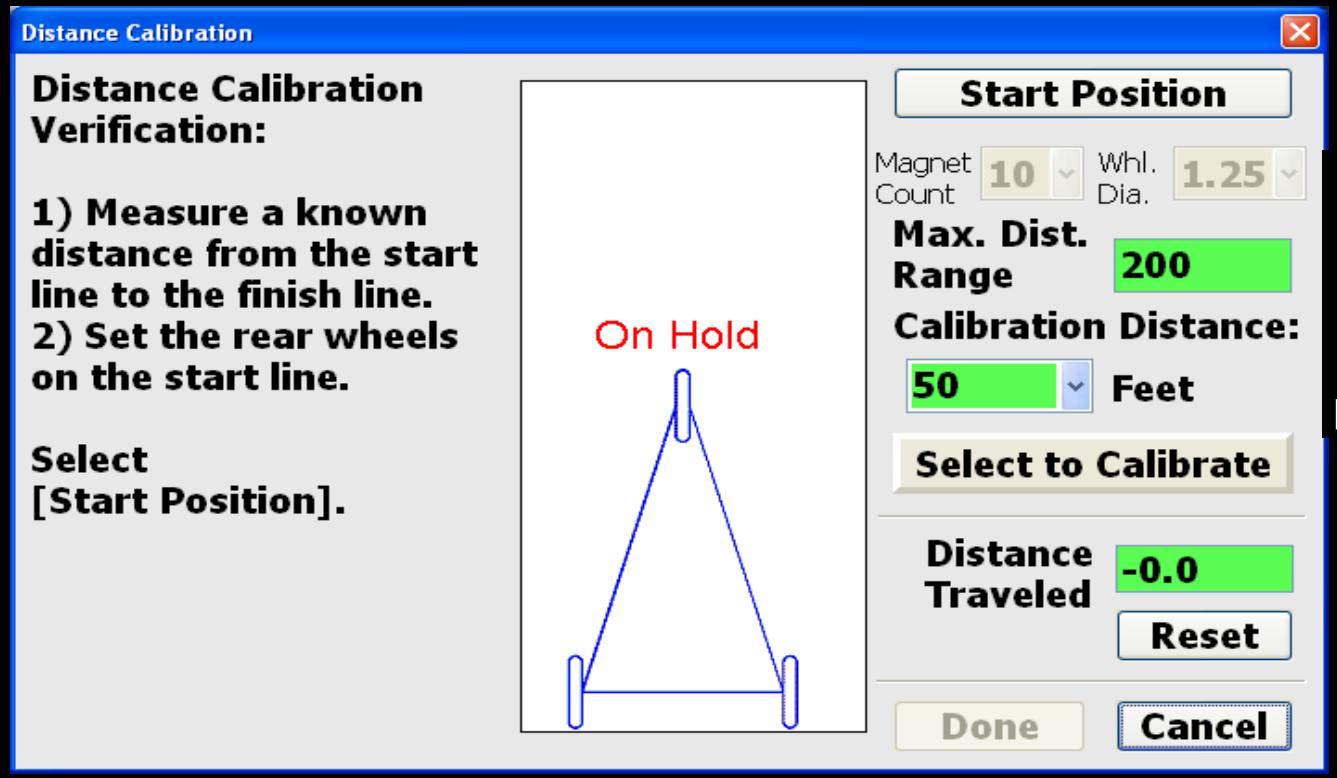
Must always “Check” calibration before saving the new settings is allowed

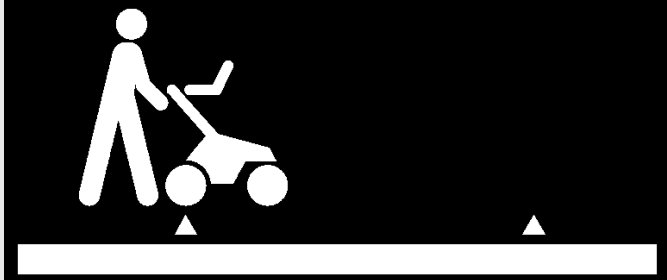


“Check Distance” or “Done” to save new settings

Distance - Start Position

Enter the measured Distance in the Calibration Distance Box (25ft min)

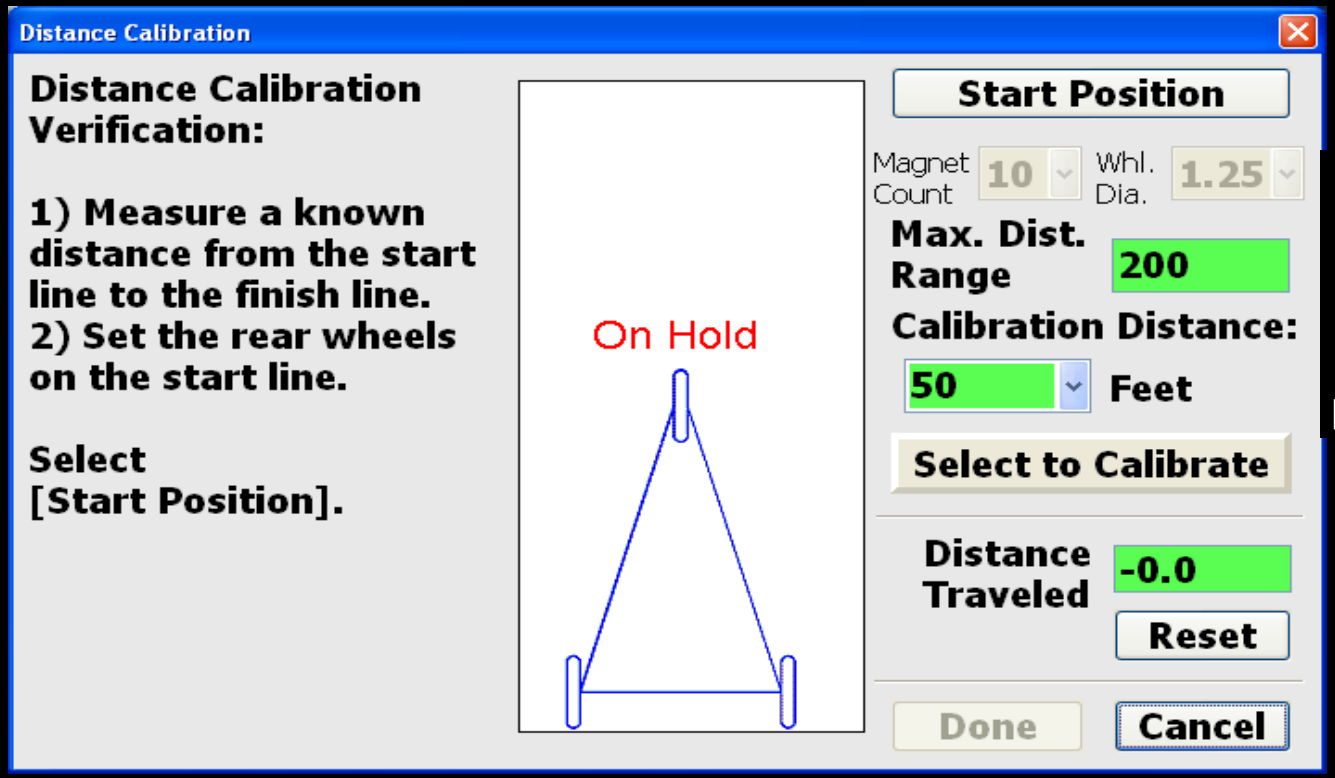


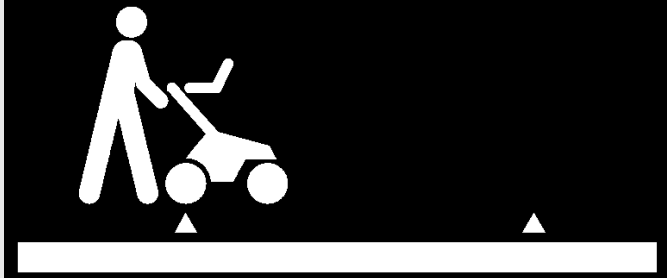


Align Rear Wheel with Start Mark

Distance - Start Position

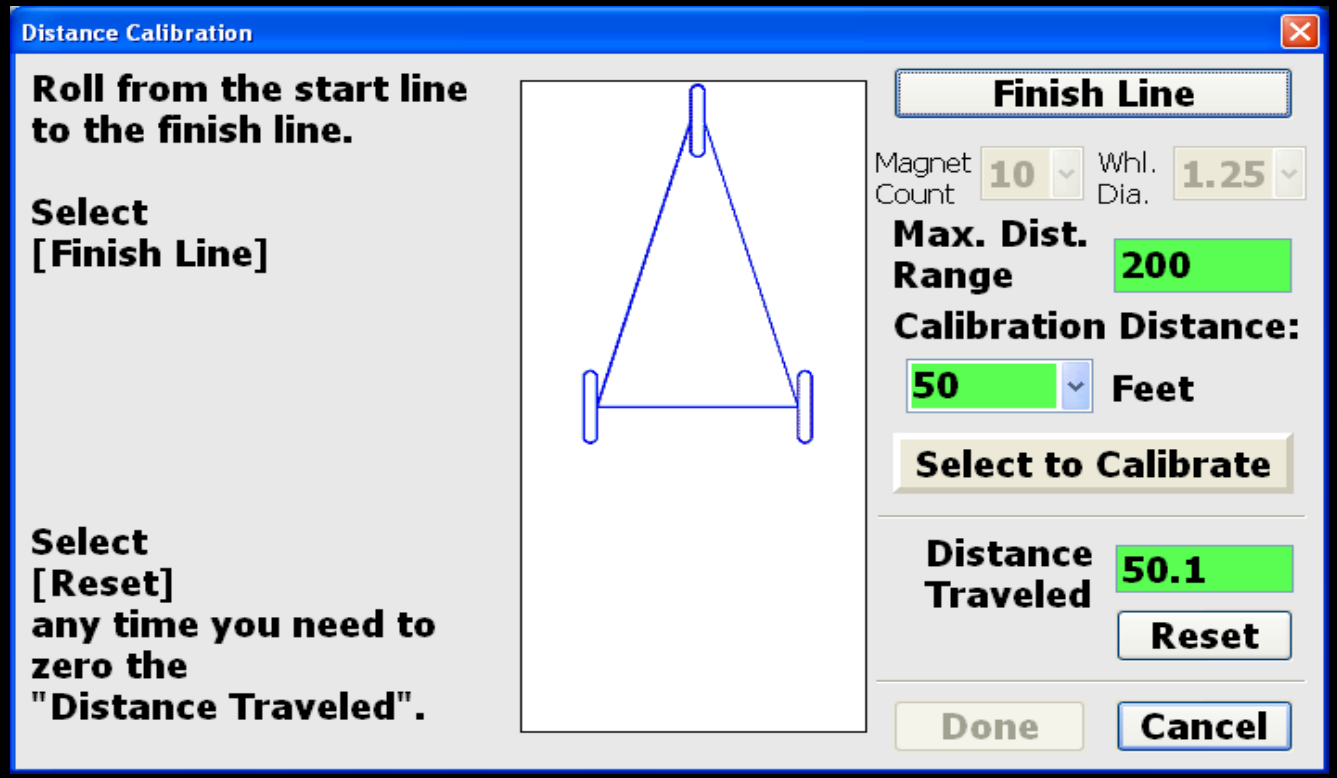
"Start Position" or "Select to Calibrate"
then "Start Position" to Begin

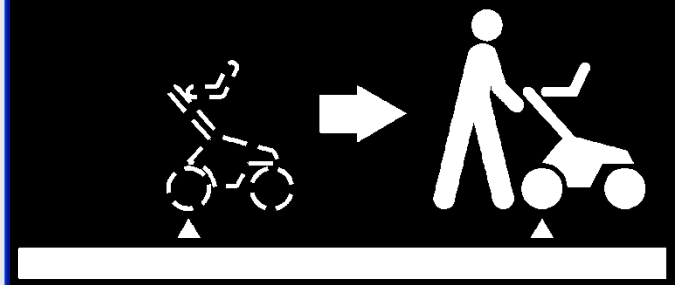




Distance – Finish Line

Select “Finish Line” when distance has been traversed (Verify Distance Traveled)

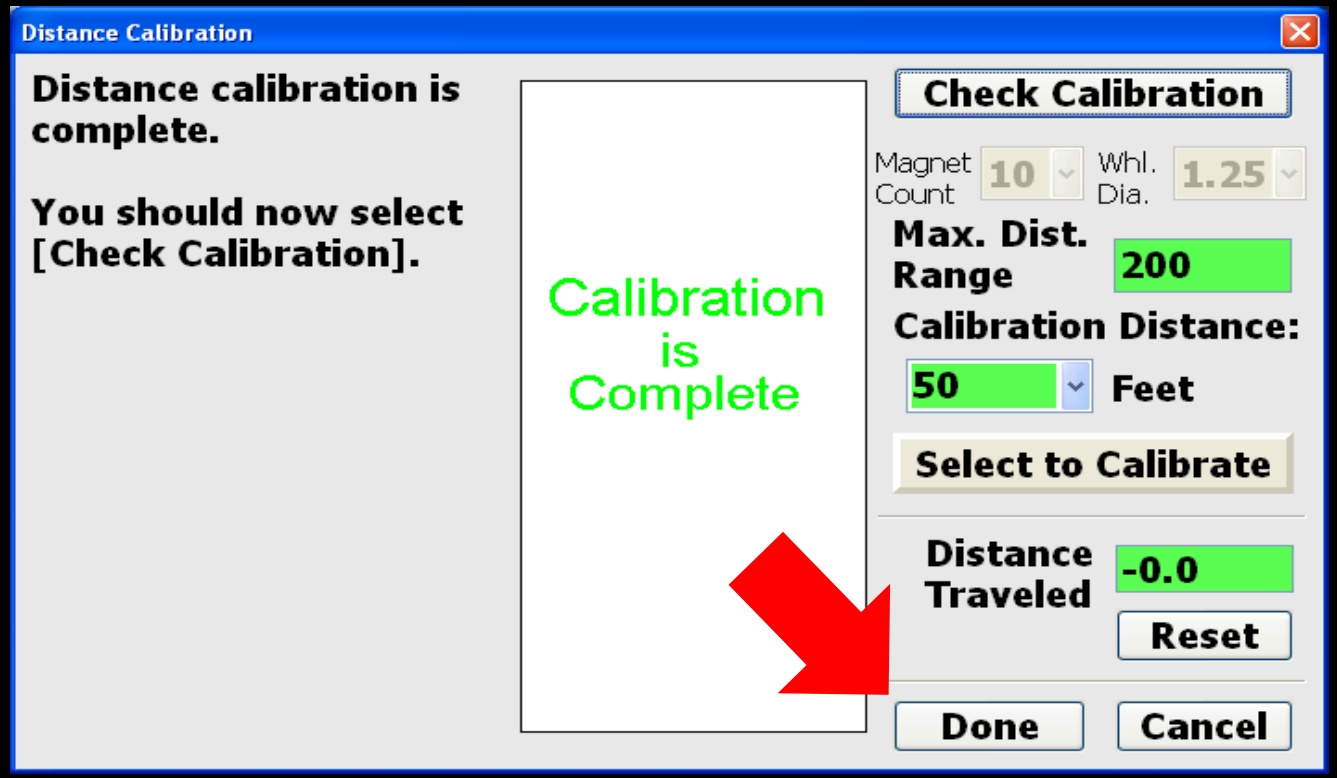




Align Rear Wheel with Finish Mark

Distance Calibration Complete

Must always “Check” calibration before saving of the new settings is allowed



“Done” to save new settings

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Working toward universal access
through research, design & education